

DATA ITEM DESCRIPTION			Form Approved OMB No. 0704-0188	
1. TITLE Airborne Noise Analysis Report		2. IDENTIFICATION NUMBER DI-HFAC-81204		
3. DESCRIPTION/PURPOSE 3.1 This Airborne Noise Analysis details the Contractor's analysis performed to satisfy the airborne noise requirements of the contract specifications. 3.2 This Analysis provides the Government with the information necessary to assess the adequacy of the Contractor's design with respect to specified airborne noise requirements.				
4. APPROVAL DATE (YYMMDD) 910503	5. OFFICE OF PRIMARY RESPONSIBILITY (OPR) N SEA 55N3	6a. DTIC APPLICABLE	6b. GIDEP APPLICABLE	
7. APPLICATION/INTERRELATIONSHIP 7.1 This Data Item Description (DID) contains the format and content preparation instructions for the data product generated by the specific and discrete task requirement as delineated in the contract.				
8. APPROVAL LIMITATION		9a. APPLICABLE FORMS		9b. AMSC NUMBER A6129
10. PREPARATION INSTRUCTIONS 10.1 <u>Format</u> . The Airborne Noise Analysis shall be in the Contractor's format. 10.2 <u>Content</u> . The Airborne Noise Analysis Report shall include the following: 10.2.1 A description of the methods used to predict noise levels and to analyze potential airborne noise level deficiencies in ship spaces. The description shall identify all assumptions and be in sufficient detail to allow technical review of all calculations and analysis, and verification of results. 10.2.2 A summary of the analysis for each ship space which has a specified noise criterion. This summary shall include the specified airborne noise category and acceptance criterion, the rationale for the assignment of that noise category, the predicted noise level, and the rationale for the selection of the noise control treatments included in the ship design. 10.2.3 A noise source listing for each space including a description of the transmission path for acoustic energy for each of the sources. 10.2.4 Identification and description of the noise control treatments applied to each space. 10.2.5 A comparison of any airborne noise acceptance levels invoked in machinery purchase specifications to vendor measured or predicted airborne noise levels.				
11. DISTRIBUTION STATEMENT Distribution Statement A: Approved for public release; distribution is unlimited.				

